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1. Document ID: JP 06219911 A JP 3284643 B2

L13: Entry 1 of 1

File: DWPI

Aug 9, 1994

DERWENT-ACC-NO: 1994-290815

DERWENT-WEEK: 200236

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TITLE: Antimicrobial compsns. for slime control and deodorants, etc. - contains hexa:halo-di:methyl-sulphone, di:basic acid ester and/or alkylene carbonate

PRIORITY-DATA: 1993JP-0028521 (January 25, 1993)

PATENT-FAMILY:

 PUB-NO
 PUB-DATE
 LANGUAGE
 PAĞES
 MAIN-IPC

 JP 06219911 A
 August 9, 1994
 006
 A01N041/10

 JP 3284643 B2
 May 20, 2002
 006
 A01N041/10

INT-CL (IPC): A01N 25/22; A01N 41/10

ABSTRACTED-PUB-NO: JP 06219911A

BASIC-ABSTRACT:

Antimicrobial compsn. contains hexa:halo-di:methyl-sulphone (I), a dibasic acid ester (II) and/or an alkylene carbonate (III).

Pref. cpds. (I; i.e. bromo or chloro derivs.), (II; e.g. di lower alkyl succinate, malonate glutarate, suberate and sebacate) and/or (III; ethylene, propylene and hexylene carbonate) are mixed at wt. ratios of 0.1:99.9 to 70:30 (pref. 5:95-50:50). Other known antimicrobial agents, additives and carriers may be used together to give conventional compsns.

USE/ADVANTAGE - Stable industrial antimicrobial compsn. for slime control, antiseptics, disinfectants, deodorants and antifouling agents, and agricultural antimicrobial agents.

In an example, a compsn. composed of 20 wt.% of dimethyl succinate, 55 wt.% of dimethyl glutarate, 15 wt.% of <u>dimethyl adipate</u> and 10 wt.% of hexa:bromo-di:methyl-sulphone (HBDS) was stable at concns. of 99, 98 and 99% after 10, 30 and 90 days storage, respectively at 40 deg.C in the dark. While a control gp. composed of 90 wt.% of triethylene glycol and 10 wt.% of HBDS showed corresponding rates of 90, 75 and 54% respectively.



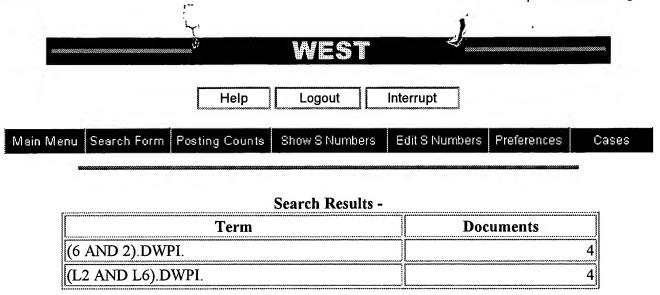
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(FILE 'HOME' ENTERED AT 12:02:44 ON 15 AUG 2003)

	FILE 'CAPLU	JS,	USPATFULL'	ENTERED AT 12:02:57 ON 15 AUG 2003						
L1	18227	S	PER? ACETIC	OR PERACETIC OR PER? OCTANOIC OR PEROCTANOIC OR						
P										
L2	52490	s	?ADIPATE OR	?PIMELATE OR ?SUBERATE						
L3	713	S	L1 AND L2							
L4	77	S	L1 (P) L2							
L5	248324	s	CONCENTRATE							
L6	0	s	L5 (P) L4							
T.7	12	S	1.4 AND 1.5							



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IBM Technical Disclosure Bulletins

Search:

L7			△ ▼	Refine Search
	Recall Text 👄	Clear		

Search History

DATE: Friday, August 15, 2003 Printable Copy Create Case

Set Name	Hit Count	Set Name	
side by side		result set	
DB=DV	VPI; PLUR=YES; OP=ADJ		
<u>L7</u>	12 and L6	4	<u>L7</u>
<u>L6</u>	peracetic or per acetic or per octanoic or performic or per formic	1441	<u>L6</u>
<u>L5</u>	12 and L4	3	<u>L5</u>
<u>L4</u>	peroxy acid or peroxyacid	596	<u>L4</u>
<u>L3</u>	11 and L2	0	<u>L3</u>
<u>L2</u>	malonate or succinate or glutarate or adipate or pimelate or suberate	9028	<u>L2</u>
<u>L1</u>	peroxyacetic or peroxy acetic or peroxyoctanoic or peroxy octanoic or peroxyformic or peroxy formic	88	<u>L1</u>